209774US-0 PCT

<u>IN THE UNITED STATES PATENT & TRADEMARK OFFICE</u>

IN RE APPLICATION OF: :

KARSTEN REIHS ET AL   : ATTN: NEW APPLICATION DIVISION

SERIAL NO: NEW US PCT APPLN   :
          (Based on PCT/EP99/10322)

FILED: HEREWITH   :

FOR: ULTRAPHOBIC SURFACE   :

<u>PRELIMINARY AMENDMENT</u>

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C.   20231

SIR:

Prior to examination on the merits, please amend the above-identified application as

follows.

<u>IN THE CLAIMS</u>

Please amend the claims as shown in the marked-up copy to read as follows:

1. (Amended) Structured surface having ultraphobic properties, comprising a surface

topography in which the value of the integral of a function S

$$S(\log f) = a(f) \cdot f \qquad (1),$$

which gives a relationship between the spatial frequencies F of the individual Fourier

components and their amplitudes a(f), is at least 0.5 between the integration limits

$\log(f_1/\mu m^{-1}) = -3$ and $\log(f_2/\mu m^{-1}) = 3$, and consists of a hydrophobic or, in particular,

oleophobic material, or is coated with a hydrophobic or, in particular, oleophobic material.

2. (Amended) Surface according to Claim 1, wherein the integral is > 0.6.